

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	ATTY. DOCKET NO. 1503-0165PUS1	APPLICATION NO. NEW
	APPLICANT Viejo KARPPINEN et al.	
	FILING DATE April 8, 2004	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
①	US 4,794,509	A	1998-12-27	Nussbaumer			
②	US 5,969,965	A	1999-10-19	Byrne et al.			
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
①	JP	8-289422	A	1996-11-01	JAPAN			ABS	
↓	JP	10-210610	A	1998-08-07	JAPAN			ABS	
↓	JP	10-108323	A	1998-04-24	JAPAN			ABS	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER	<i>Boris L. Churimov</i>	DATE CONSIDERED	6/2/5
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.